

Application for Certification (July 2019)

Engine Family: LHALX.199ALA
Vehicle Type: All-Terrain Vehicle

IMPORTER	OEM
Pacific Rim Int'l West Inc.	Zhejiang Kayo Motor Co., Ltd.
10580 Mulberry Ave.	No.16, Xinhui Road, Xinbi Industrial Zone, Jinyun County
Fontana, CA 92337	Zhejiang 321403, China
909-823-2903	86-0-15822186622
icebearatv12@gmail.com	kayo@kayo.net.cn

Data submitted to EPA by	
Company name	Golden Gate Global Certification, Inc.
Contact person	Dong Yan (President)
Mailing Address	460 Center Street #6833, Moraga, CA 94570
Tel	408-398-8533
E-mail	gggcert@gmail.com



Contents

1	Warranty.....	3
2	Engine Family and Emission Data Vehicle (EDV) Description.....	5
3	Vehicle Emission Control Information Label and Hang Tag.....	5
4	List of Emission-Related Components.....	8
5	Permeation Emission Controls.....	8
6	Periodic and Anticipated Maintenance and Procedures.....	8
 Attachment 1 Test Result for Emission Test.....		 10

1. Warranty

Pacific Rim Int'l West Inc. Company– EMISSION CONTROL SYSTEM WARRANTY

YOUR WARRANTY RIGHTS AND OBLIGATIONS

The emission control system warranty period for this vehicle begins on the date the vehicle is delivered to the first purchaser other than an authorized dealer, or the date it is first used as a demonstrator, lease, or company vehicle, whichever comes first and continues for 5,000 km or 30 months, whichever comes first, provided there has been no abuse, neglect or improper maintenance of your vehicle. Where a warrantable condition exists, the dealer will repair your vehicle at no cost to you, including diagnosis, parts and labor. If an emission-related part on your vehicle is defective, the part will be repaired or replaced by the dealer. This is your emission control defects warranty.

OWNER'S WARRANTY RESPONSIBILITIES

As the ATV owner, you are responsible for the performance of the required maintenance listed in your owner's manual. Pacific Rim recommends that you retain all receipts covering maintenance on your ATV, but Pacific Rim cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance. You are responsible for presenting your ATV to a Pacific Rim dealer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

As the ATV owner, you should be aware that Pacific Rim may deny your warranty coverage if your ATV or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

If you have any questions regarding your warranty rights and responsibilities, you should contact Pacific Rim International West Inc. at 10580 Mulberry Ave. Fontana, CA 92337 (Phone: 909-823-2903), or the U.S. Environmental Protection Agency, 2000 Traverwood Drive, Ann Arbor, MI 48105.

WARRANTY COVERAGE

Pacific Rim International West Inc. (hereinafter Pacific Rim) warrants that each new 2020 and later vehicle:

- A. is designed, built and equipped so as to conform at the time of initial retail purchase with all applicable regulations of the United States Environmental Protection Agency.
- B. is free from defects in material and workmanship which cause such vehicle to fail to conform with applicable regulations of the United States Environmental Protection Agency or the California Air Resources Board for the periods specified above.

Warranty defects shall be remedied during customary business hours at any authorized Pacific Rim ATV dealer located within the United States of America in compliance with the Clean Air Act and applicable regulations of the United States Environmental Protection Agency. Any part or parts replaced under this warranty shall become the property of Pacific Rim.

EXCLUSIONS AND LIMITATIONS

This warranty does not cover the following:

- Failures or malfunctions of the emission control systems caused by abuse, alteration, accident, misuse, the use of leaded gasoline.
- Replacement of expendable maintenance items unless they are original equipment defective in material or workmanship under normal use, and the first required replacement interval for the item has not been reached. Expendable maintenance items include but not limited to spark plugs, filters, coolant, lubricants, gaskets, hoses and belts.
- Replacement of parts and other service and adjustments for required maintenance.
- Any vehicle equipped with an odometer or hour meter where the reading is altered so that actual mileage cannot be readily determined.
- Repairs or replacement as a result of:
 - ✧ Accident
 - ✧ Misuse
 - ✧ Use of replacement parts or accessories not conforming to the original specifications which adversely affect performance
- Physical damage, corrosion, or defects caused by fire, explosions or similar causes beyond the control of the importer
- Failures not caused by a defect in material or workmanship.

Use of the vehicle in any type of competitive racing or related events immediately and completely voids this and all other warranties.

LIMITED LIABILITY

The liability of Pacific Rim under this Emission Control System Warranty is limited solely to the remedying of defects in material workmanship by an authorized dealer at its place of business during customary business hours. This warranty does not cover inconvenience or loss of use of the vehicle or transportation of the vehicle to/from the authorized dealer. Pacific Rim is not liable to any person for incidental, consequential or special damages of any description, whether arising out of express or implied warranty or any other contract, negligence or other tort or otherwise.

No express emission control system warranty is given by Pacific Rim except as specifically set forth herein. Any emission control system warranty implied by law, including any warranty of merchantability or fitness for a particular purpose is limited to the express emission control system stated in this warranty. The foregoing statements of warranty are exclusive and in lieu of all other remedies. All express warranties not stated in this warranty are disclaimed. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply if it is inconsistent with the controlling state law.

No dealer is authorized to modify this Emission Control System Warranty. If you have any questions regarding your warranty rights and responsibilities, you should contact Pacific Rim at 10580 Mulberry Ave., Fontana, CA 92337 (Phone: **909-823-2903**) or the California Air Resources Board, 9528 Telstar Avenue, El Monte, CA 91731 (for California registered vehicles only).

2. Engine Family and Emission Data Vehicle (EDV) Description

Engine family name is LHALX.199ALA and applicable EPA vehicle category within the EF is All-Terrain Vehicle. The model of EDV is A200-B and VIN is L6JACMLA4J1000001. Displacement of test vehicle is 198.8 cc, other displacements in this EF are 177.3 cc and 176.2 cc.

3. Vehicle Emission Control Information Label and Hang Tag

VECI label (49-state label) is permanent and cannot be removed without destroying the label and paint underneath. Sample label is following:

(1) The VECI label and hang tag applies to: A200-B, A200, A200-2

VEHICLE EMISSION CONTROL INFORMATION

IMPORTER: PACIFIC RIM INT'L WEST INC.
MFR: ZHEJIANG KAYO MOTOR CO., LTD.
COUNTRY OF ORIGIN: CHINA
ENGINE DISPLACEMENT: 198.8 CC
ENGINE FAMILY NAME: LHALX.199ALA
PERMEATION FAMILY NAME: LHALPMETALHC



THIS VEHICLE CONFORMS TO US EPA REGULATIONS APPLICABLE FOR MODEL YEAR 2020 ALL-TERRAIN VEHICLES AND IS CERTIFIED TO HC+NOX EMISSION STANDARD OF 1.5 G/KM AND CO EMISSION STANDARD OF 35 G/KM.
ENGINE EXHAUST CONTROL SYSTEM: TWC, PAIR

ENGINE TUNEUP SPECIFICATIONS:

IGNITION TIMING: 15° BTDC

FUEL: UNLEADED GASOLINE 91 OCTANE

SPARK PLUG: DR8EA

IDLE SPEED: 1400±150 RPM

OIL: SJ10W/40

SPARK PLUG GAP: 0.6-0.7 MM

VECI label will be in the following location:



Location of VECI Label

Consumer Emissions Information Hang Tag

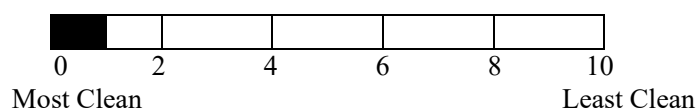
Manufacturer's Name: Zhejiang Kayo Motor Co., Ltd.

Vehicle Type: All-Terrain Vehicle

Vehicle Model Name: A200-B

Engine Description: 198.8 cc, 4-stroke, Air-cooled, Carburetor

NER=1.0



(2) The VECI label and hang tag applies to: AU180, AU180-2, A180, A180-2

VEHICLE EMISSION CONTROL INFORMATION

IMPORTER: PACIFIC RIM INT'L WEST INC.
MFR: ZHEJIANG KAYO MOTOR CO., LTD.
COUNTRY OF ORIGIN: CHINA
ENGINE DISPLACEMENT: 177.3 CC
ENGINE FAMILY NAME: LHALX.199ALA
PERMEATION FAMILY NAME: LHALPMETALHC



THIS VEHICLE CONFORMS TO US EPA REGULATIONS APPLICABLE FOR MODEL YEAR 2020 ALL-TERRAIN VEHICLES AND IS CERTIFIED TO HC+NOX EMISSION STANDARD OF 1.5 G/KM AND CO EMISSION STANDARD OF 35 G/KM.

ENGINE EXHAUST CONTROL SYSTEM: TWC, PAIR

ENGINE TUNEUP SPECIFICATIONS:

IGNITION TIMING: 13° BTDC

FUEL: UNLEADED GASOLINE 91 OCTANE

SPARK PLUG: A7RTC

IDLE SPEED: 1700±150 RPM

OIL: SJ10W/40

SPARK PLUG GAP: 0.6-0.7 MM

Consumer Emissions Information Hang Tag

Manufacturer's Name: Zhejiang Kayo Motor Co., Ltd.

Vehicle Type: All-Terrain Vehicle

Vehicle Model Name: AU180

Engine Description: 177.3 cc, 4-stroke, Air-cooled, Carburetor

NER=1.0



(3) The VECI label and hang tag applies to: AU200

VEHICLE EMISSION CONTROL INFORMATION

IMPORTER: PACIFIC RIM INT'L WEST INC.
MFR: ZHEJIANG KAYO MOTOR CO., LTD.
COUNTRY OF ORIGIN: CHINA
ENGINE DISPLACEMENT: 176.2 CC
ENGINE FAMILY NAME: LHALX.199ALA
PERMEATION FAMILY NAME: LHALPMETALHC



THIS VEHICLE CONFORMS TO US EPA REGULATIONS APPLICABLE FOR MODEL YEAR 2020 ALL-TERRAIN VEHICLES AND IS CERTIFIED TO HC+NOX EMISSION STANDARD OF 1.5 G/KM AND CO EMISSION STANDARD OF 35 G/KM.

ENGINE EXHAUST CONTROL SYSTEM: TWC, PAIR

ENGINE TUNEUP SPECIFICATIONS:

IGNITION TIMING: 15° BTDC

FUEL: UNLEADED GASOLINE 91 OCTANE

SPARK PLUG: D8RTC

IDLE SPEED: 1700±150 RPM

OIL: SJ10W/40

SPARK PLUG GAP: 0.6-0.7 MM

Consumer Emissions Information Hang Tag

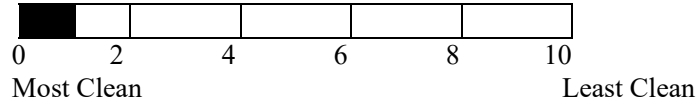
Manufacturer's Name: Zhejiang Kayo Motor Co., Ltd.

Vehicle Type: All-Terrain Vehicle

Vehicle Model Name: AU200

Engine Description: 176.2 cc, 4-stroke, Air-cooled, Carburetor

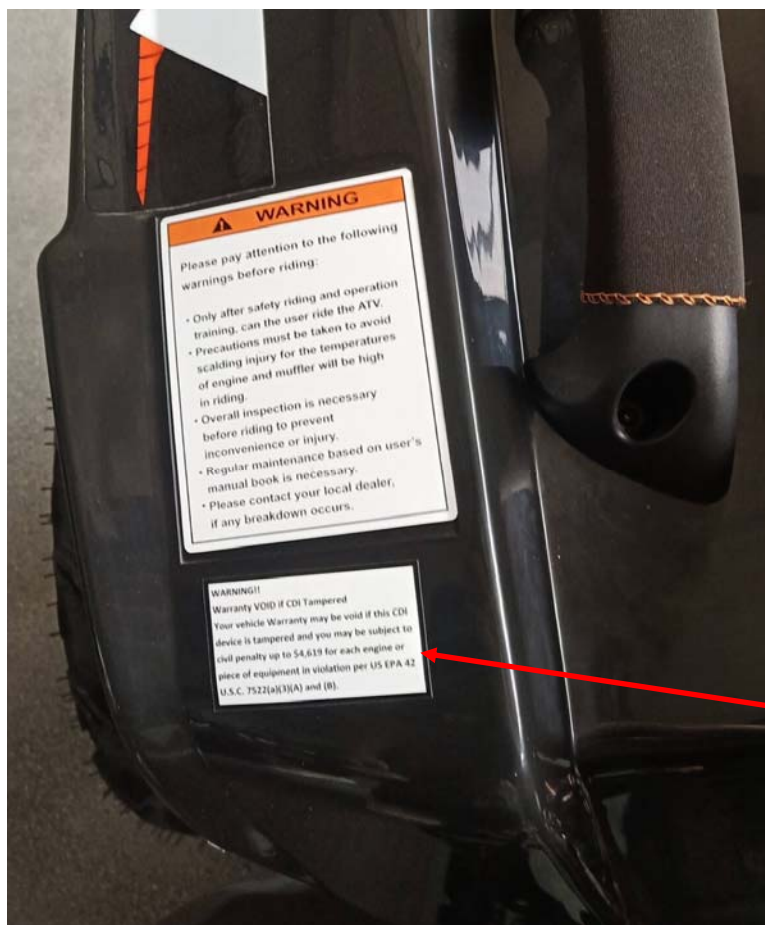
NER=1.0



WARNING!!

Warranty VOID if CDI Tampered

Your vehicle Warranty may be void if this CDI device is tampered and you may be subject to civil penalty up to \$4,619 for each engine or piece of equipment in violation per US EPA 42 U.S.C. 7522(a)(3)(A) and (B).



Location of CDI Warning Label

4. List of Emission-Related Components

Part Name	Part Number	Part Manufacturer
Emission Control System		
Catalyst	AGL01*-B311-01*	Taizhou Oxin Environmentally Cleaner Co., Ltd.
PAIR Valve	AUJ01*-B511-00*	Jinhua Hefa Science and Technology Co., Ltd.
Fuel System		
Fuel Tank	AUJ01*-L111-00*	Yongkang Shuaicheng Industry Co., Ltd.
Fuel Tank Cap	AUJ01*-L112-00*	Yongkang Shuaicheng Industry Co., Ltd.
Carburetor Assembly (A200-B, A200, A200-2, AU200)	PZ30	Fujian Fuding Jingke Carburetor Co., Ltd.
Carburetor Assembly (AU180, AU180-2, A180, A180-2)	PD24	Fujian Fuding Jingke Carburetor Co., Ltd.
Ignition System		
CDI	HYDAC	Chongqing Xianfeng Yuzhou Electronics Co., Ltd.
Coil	HYTCC	Chongqing Xianfeng Yuzhou Electronics Co., Ltd.
Spark Plug (A200-B, A200, A200-2)	DR8EA	NGK
Spark Plug (AU180, AU180-2, A180, A180-2)	A7RTC	Zhuzhou Torch Spark Plug Co., Ltd.
Spark Plug (AU200)	D8RTC	NGK
Crankcase Emission Control System		
Air Cleaner (A200-B, A200, A200-2)	AS250-05-004	Zhejiang Kayo Motor Co., Ltd.
Air Cleaner (AU180, AU180-2, A180, A180-2)	AUK01*-B210-00*	Zhejiang Kayo Motor Co., Ltd.
Air Cleaner (AU200)	AUL01*-B210-00*	Zhejiang Kayo Motor Co., Ltd.

5. Permeation Emission Controls

Permeation emission for fuel tank is certified by design and for fuel hose is certified by emission testing. The hoses are manufactured by Xiamen Jinbeide Rubber Science & Technology Co., Ltd.




6. Periodic and Anticipated Maintenance and Procedures

Owner's Manual is available upon EPA's request.

To keep the performance good, the motorcycle should be checked and maintained at certain interval. The meanings of capital in following table are:

I: Inspection, including check, clean, lubricate, refuel, repair or replacing if necessary.

A: Adjusting C: Cleaning R: Replacing T: Tightening L: Lubrication

NO.	ITEM	Whichever comes first 	<div></div>	INITIAL			EVERY			Pre-Ride
			month	1	3	6	3	6	12	
			km	200	1000	3000	1000	3000	6000	
			(mi)	125	625	1875	625	1875	3750	
			hours	13	65	195	65	195	390	
1	Crankcase lube				R			R		I
2	Lube filter				C			C		
3	Air filter				I			I		
4	Spark plug				I			I		
5	Valve gap				A			A		
6	Gas filter				R			R		

20

7	Brake function/brake pads		I		I			I
8	Brake fluid	I	I			I		
		Replace every 2 years						
9	Brake hoses		I			I		
		Replace every 4 years						
10	Parking brake	I	I			I		
11	Driving chain	I/L	I/L		I/L			I
12	Fasteners(Excluding Engine Bolt)	T					T	
13	Engine Bolt	T				T		
14	Fuel line			I		I		
15	Chassis fasteners	I	I		I			
16	Lights and switches	I	I		I			I
* When the mileage is over the highest on the table, please perform according to the period set on the table								
* Driving on dust place, it is recommended to clean it frequently.								


21

Test Report of NMTC(TJ)

Test Report No.: NMTC(TJ)(EP)WT-1709001

Page 1 of 13 Pages

Basic Test Information

Name of Product	All-terrain Vehicle		Model of Product	A200-B							
Client	Zhejiang Kayo Motor Co., Ltd.										
Manufacturer	Zhejiang Kayo Motor Co., Ltd.										
Trade Mark	KAYO		Class of Test	Entrusted test							
Date of Sample Arrival	2017-08-29		Number of Samples	One All-terrain Vehicle							
			Sample Sender	Client							
Emission test											
Test No.	Date of Test	Driving Distance (km)	Exhaust emission test						Evaporative emission test		
			CO (g/km)	HC (g/km)	NOx (g/km)	CO ₂ (g/km)	CH ₄ (g/km)	N ₂ O (g/km)	DBL (g/test)	HSL (g/test)	TOTAL (g/test)
1	2017-09-13	244	3.844	0.141	0.172	68.192	0.015	0.007	/	/	/
2	2017-12-05	10001	4.660	0.134	0.147	69.675	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/	/	/	/
Reference Standards		40 CFR PART 1051									
<div style="text-align: center;">  </div>											
<div style="text-align: center;"> Issued on: January 23rd, 2018 Seal of NMTC(TJ) </div>											

Approved by**Reviewed by****Prepared by**

(Name)

He Wenjie

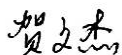
(Name)

Zhu Di

(Name)

Guo Jin

Signature



Signature



Signature

